

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

A QUERY OPTIMIZATION TECHNIQUE FOR OBTAINING IMPROVED CARDINALITY ESTIMATES USING STATISTICS ON AUTOMATIC SUMMARY TABLES

the specification of which (check one)

X is attached hereto.  
\_\_\_\_\_ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s)           | Priority Claimed                 |
|--|----------------------------------|
| <u>None</u><br>(Number)                | <u>_____</u> Yes <u>_____</u> No |
| <u>_____</u><br>(Country)              | <u>_____</u> Yes <u>_____</u> No |
| <u>_____</u><br>(Day/Month/Year Filed) | <u>_____</u> Yes <u>_____</u> No |

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
|--------------------------|---------------|---|
| <u>_____</u>             | <u>_____</u>  | <u>_____</u>                            |

I hereby claim the benefit under Title 35, United States Code § 119(e) of the United States provisional application listed below:

U.S. Provisional Application No. 60/171,797, filed December 22, 1999.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

DOCKET: ST9-99-184

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Romualdas Strimaitis, Registration No. 35,697, Prentiss W. Johnson, Registration No. 33,123, Ingrid M. Foerster, Registration No. 36,511, Timothy M. Farrell, Registration No. 37,321, Christopher A. Hughes, Registration No. 26,914, John E. Hoel, Registration No. 26,279, Edward A. Pennington, Registration No. 32,588, and Joseph C. Redmond, Jr., Registration No. 18,753, all of whom are attorneys with IBM Corporation; and

Laurence H. Pretty, Registration No. 25,312, Robert A. Schroeder, Registration No. 25,373, and Janaki Komanduri, Registration No. 40,684, all of whom are attorneys with Pretty, Schroeder & Poplawski.

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Full name of sole or first joint-inventor: David E. Simmen

Inventor's signature:

*David E. Simmen*

Date:

9-20-2000

Residence: 1040 Mt. Carmel Drive, San Jose, California 95120

Citizenship: United States

Post Office Address: Same

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |  |                 |   |
|-------------|--|-----------------|---|
| Applicant:  | David E. Simmen  | Assignee:       | International Business Machines Corporation |
| Serial No.: | 09/669,556   | Examiner:       | Not assigned                                |
| Filed:      | September 26, 2000   | Group Art Unit: | 2177  |
|             |  | Docket:         | ST9-99-184                                  |
| Title:      | QUERY OPTIMIZATION TECHNIQUE FOR OBTAINING IMPROVED CARDINALITY ESTIMATES USING STATISTICS ON AUTOMATIC SUMMARY TABLES |                 |   |

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

7/19/01

By: 

Name: George H. Gates

REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please revoke the existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

Romualdas Strimaitis, Reg. No. 35,697; Prentiss W. Johnson, Reg. No. 33,123; Ingrid M. Foerster, Reg. No. 36,511; Gregory M. Plow, Reg. No. 43,005; Farrokh E. Pourmirzaie, Reg. No. 45,297; Christine H. Smith, Reg. No. 43,133; Christopher A. Hughes, Reg. No. 26,914; John E. Hoel, Reg. No. 26,279; Edward A. Pennington, Reg. No. 32,588; and Joseph C. Redmond, Jr., Reg. No. 18,753, all of whom are attorneys with I.B.M. Corporation;

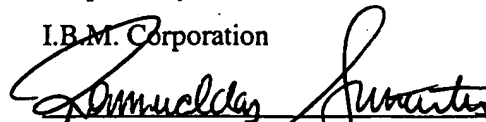
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Respectfully submitted,

I.B.M. Corporation



Name: Romualdas Strimaitis, Reg. No. 35,697

Title: Senior Attorney, Intellectual Property Law

Dated: June 20, 2001

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